

DEC 04 2006

**FAX COVER SHEET****PLEASE CONFIRM RECEIPT OF THIS FACSIMILE**

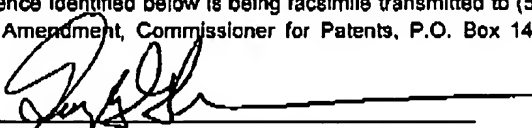
Attention:	MAIL STOP AMENDMENT Group Art Unit: 2617 Examiner: TROST IV, William George	Fax:	(571) 273-8300
UNITED STATES PATENT AND TRADEMARK OFFICE		Phone:	(571) 272-7872
Pages:	Cover + 2 + 1 = 4	Date:	December 4, 2006
From:	Georgann S. Grunebach Assistant General Counsel	Fax:	(310) 964-0941
		Phone:	(310) 964-4615

The information contained in this facsimile is confidential and may also contain privileged attorney-client information or work product. The information is intended only for the use of the individual or entity to which it is addressed. If you are not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any use, dissemination, distribution or copying of this communication is strictly prohibited. If you have received the facsimile in error, please immediately notify us by telephone, and return the original message to us at the address below via the U.S. Postal Service. Thank you.

**CERTIFICATE OF FACSIMILE TRANSMISSION UNDER 37 CFR 1.8**

I hereby certify that this correspondence identified below is being facsimile transmitted to (571) 273-8300 (Centralized Facsimile Number), addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on December 4 2006.

Telephone No. (310) 964-4615

  
Georgann S. Grunebach, Reg. No. 33,179  
(Printed Name of Person Signing Certificate)December 4, 2006  
(Date of Signature)**Attention: Commissioner for Patents****Attorney Docket No. PD-202074**

Please find attached Re:

Serial No.: 10/532,631

I.A. Filing Date: October 20, 2003

371(c) Date: April 25, 2005

- INFORMATION DISCLOSURE STATEMENT (2 pages)
- SUBSTITUTE PTO FORM 1449 (1 page)

**PLEASE CONFIRM RECEIPT OF THIS FACSIMILE**

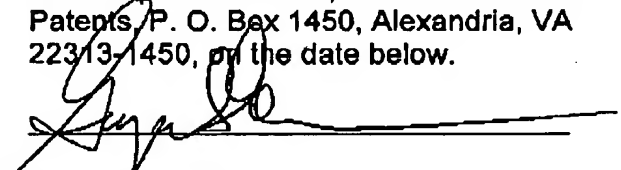
If you do not receive all pages, or pages are not clear, please call Karen Lum at (310) 964-0735.

RECEIVED  
CENTRAL FAX CENTER

DEC 04 2006

Patent  
PD-202074  
Customer No. 020991

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Paul R. Anderson : I hereby certify that this correspondence is  
: being facsimile transmitted to (571) 273-8300  
Serial No.: 10/532,631 : (Centralized Facsimile Number) and  
I.A. Filing Date: October 20, 2003 : addressed to:  
371 (c) Date: April 25, 2005 :  
For: FEEDER LINK : Mail Stop Amendment, Commissioner for  
CONFIGURATIONS TO SUPPORT : Patents, P. O. Box 1450, Alexandria, VA  
LAYERED MODULATION FOR : 22313-1450, on the date below.  
DIGITAL SIGNALS :  
:   
: Georgann S. Grunebach  
: Typed or printed name of person signing certificate  
Group Art Unit: 2617 :  
Examiner: TROST IV, William G. : Date: December 4, 2006

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The references cited on the enclosed form PTO/SB/08A may be relevant or material to the examination of the above-identified patent application and are, therefore, submitted in compliance with the duty of disclosure defined in 37 CFR 1.56. It is respectfully requested that the references be considered and made of record in the application identified above.

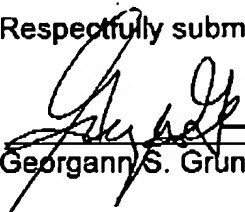
This statement should be considered because it is being submitted before the mailing of a first Office action on the merits under 37 C.F.R. §1.97(b)(3). Accordingly, it is submitted that no fee is due in this matter.

However, if it is determined that any appropriate fee is due, the Commissioner is hereby authorized to charge Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California.

Serial No. 10/532,631.....Page 2

This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

Respectfully submitted,

By:   
Georgann S. Grunebach, Reg. No. 33,179

The DIRECTV Group, Inc.  
CA/LA1/A109  
P. O. Box 956  
El Segundo, CA 90245

Telephone No. (310) 964-4615

December 4, 2006

Substitute for form PTO/SB/08A  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	<b>Complete if Known</b>		
	Application Number	10/532,631	
	Filing Date	April 25, 2005	
	First Named Inventor	Ernest C. Chen	
	Art Unit	2617	
Date:	December 4, 2006	Examiner Name	TROST IV, William George
Sheet 1 of 1	Attorney Docket Number	PD-202074	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-6,369,648	04-2002	Kirkman, George F.	
		US-8,477,398	11-2002	Mills, Randell L.	
		US-3,076,180	01-1963	Havens et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.